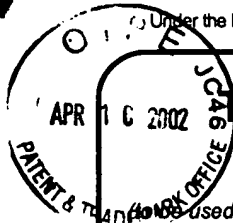


Please type a plus sign (+) inside the box → ☐

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM

Use only for all correspondence after initial filing)

Application Number	10/044,484
Filing Date	January 11, 2002
First Named Inventor	Larry C. Frame
Group Art Unit	2652
Examiner Name	
Attorney Docket Number	020375-007400US

COPY OF PAPERS
ORIGINALLY FILED

Total Number of Pages in This Submission

21

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
--	--	--

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Irvin E. Branch	Reg. No. 42,358
Signature		
Date	April 8, 2002	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

April 8, 2002

Typed or printed name	Michelle G. Rude-Trujillo		
Signature		Date	April 8, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
DE 7067702 v1

FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

APR 16 2002

PATENT & TRADEMARK OFFICE

Complete if Known

Application Number	10/044,484
Filing Date	January 11, 2002
First Named Inventor	Larry C. Frame
Examiner Name	
Group Art Unit	2652
Attorney Docket No.	020375-007400US

COPY OF PAPERS
ORIGINALLY FILED**TOTAL AMOUNT OF PAYMENT** (\$) 170**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

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Number

20-1430

Deposit
Account
Name

Townsend and Townsend and Crew LLP

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17
-
- ☐
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

2. EXTRA CLAIM FEES

Total Claims	-20**	=	Extra Claims	X	Fee from below	=	Fee Paid
Independent Claims		=	-3**	=		=	
Multiple Dependent		=		X		=	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	130
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

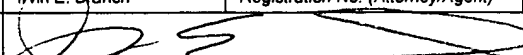
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$170)

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	Irvin E. Branch	Registration No. (Attorney/Agent)	42,358	Telephone	303-571-4000
Signature				Date	April 8, 2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DE 7067404 v1

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Attorney's Office No.: 020375-007400US

PATENT

Assistant Commissioner for Patents
Attn: Box Missing Parts
Washington, D.C. 20231



COPY OF PAPERS
ORIGINALLY FILED

On April 8, 2002

TOWNSEND and TOWNSEND and CREW LLP

By: M. G. Rude-Trujillo
Michelle G. Rude-Trujillo

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Larry C. Frame

Application No.: 10/044,484

Filed: January 11, 2002

For: METHODS AND SYSTEMS FOR
EXTRACTING RELATED
INFORMATION FROM FLAT FILES

Examiner:

Art Unit: 2652

TRANSMITTAL LETTER –
RESPONSE TO NOTICE OF MISSING
PARTS

Attn: Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to the Notice to File Missing Parts of Nonprovisional Application, dated February 8, 2002, enclosed are the following to be made of record in the above-identified application:

- 1) Executed Declaration
- 2) Copy of Notice of Missing Parts
- 3) Corrected Drawings (Figures 1-7)

20044484-041502

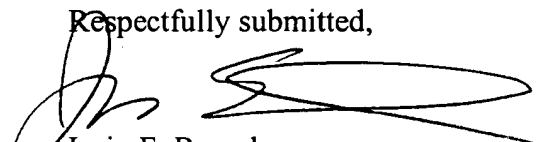
Application No.: 10044,484
Page 2

Please charge Deposit Account No. 20-1430 for the following fees:

Large Entity:	(a)	Filing Fee (§ 1.16(a)) (Large Entity)	\$0.00
	(b)	Excess Claims Fees (§ 1.16(b), (c)):	0.00
		24 - 24 = 0 x \$18.00 =	\$0.00
		4 - 4 = 0 x \$84.00 =	\$0.00
	(c)	Missing Parts Surcharge	\$130.00
TOTAL FEES TO BE CHARGED			\$130.00

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430. This Transmittal Letter is submitted in triplicate.

Respectfully submitted,



Irvin E. Branch
Reg. No. 42,358

Customer No. 20350

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (303) 571-4000 [Denver]
Fax: 415 576-0300

GB:mrt

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/044,484	01/11/2002	Larry C. Frame	020375-007400US

20350
TOWNSEND AND TOWNSEND AND CREW, LLP
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834



CONFIRMATION NO. 9883

FORMALITIES LETTER



OC00000007451354

Date Mailed: 02/08/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

05/06/2002 REPLY 00000000 00.000 10000-00

01 FEB05 130.00 CH

Alvin Mishkin

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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10044434-041602